

Curecanti National Recreation Area Black Canyon of the Gunnison National Monument Outreach Education



Grade 2 pre-visit activity: "Fascinating Fossils".

Fascinating Fossils VOCABULARY WORDS

Instructions: Review the vocabulary words then complete the activity on the reverse side.

- 1.) **FOSSILS** - Remains, traces, or imprints of plants and animals found in the earth's crust.
- 2.) **BODY FOSSIL** - Bones, shells, skins of animals or leaves of plants left behind.
- 3.) **COPROLITE** - Fossilized dung.
- 4.) **FOSSILIZATION** - Process by which the remains of living things are preserved in rock.
- 5.) **PALEONTOLOGIST** - A person who studies fossils and ancient life.
- 6.) **SEDIMENTARY ROCK** - Rock made up of tightly packed sand and clay laid down in layers.
- 7.) **TRACE FOSSIL** - Sign that a plant or animal was once living in that area. (footprints, coprolite)

Curecanti National Recreation Area
Black Canyon of the Gunnison
National Monument



Outreach Education

Grade 2 in class worksheet

Instructions: Use this answer sheet to identify the objects at each of the stations. Circle the correct answers in A,B,D and draw a picture of your answer. For question C, fill in the blanks with the correct answer.

FOSSIL QUEST

A. This fossil is:

- 1) a plant
- 2) an animal
- 3) dung

B. This **IMPRESSION** is
a copy of a:

- 1) leaf
- 2) fish
- 3) bird

C. This station has **3**
objects. Write what each
object is on the spaces
provided.

1. _ _ _ _

2. _ _ _ _ _ _ _ _

3. _ _ _ _ _

D. In which rock would
you look for a fossil?

- 1) mudstone
- 2) sandstone
- 3) breccia
- 4) quartz

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Grade 2 post-visit activity-"Fossils"



FOSSILIZATION

Instructions: Cut the squares on the attached sheet of paper. Paste them on this sheet in the correct order of the fossilization process. Color the pictures.

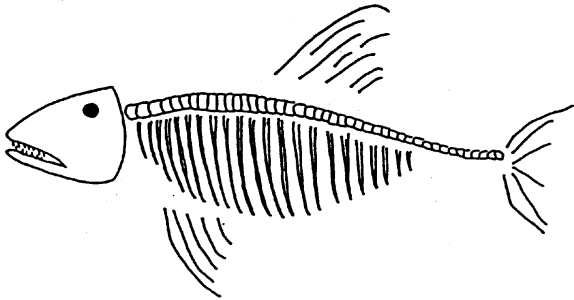
1.

2.

3.

4.

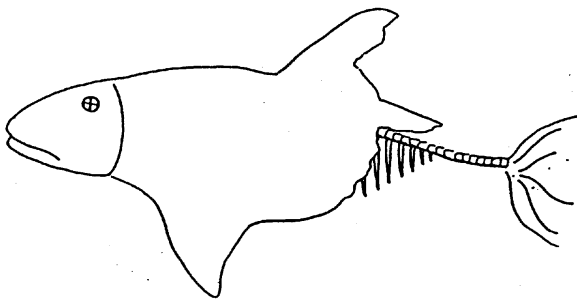
Fossilization



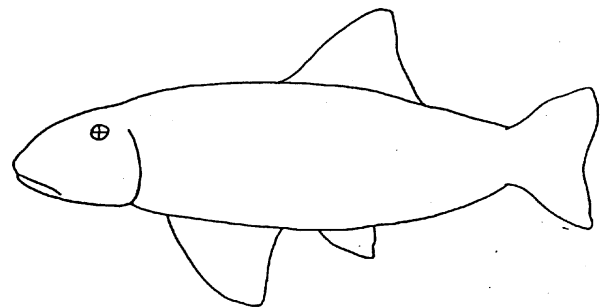
Bones soaking up the minerals



Body Fossil



Skin and muscles decompose



Dead organism

Instructions: Circle the correct word.

A famous (*plumber/paleontologist*), who is a person who studies fossils and ancient life, was studying tightly packed sand and clay (*sedimentary rock/ metamorphic rock*). She was looking for (*rocks/ fossils*) which are remains, traces or imprints of plants and animals found in the earth's crust. The remains of living things are preserved through a process called (*precipitation/fossilization*). She found some dinosaur footprints which are examples of (*trace/igneous*) fossils. Next to the footprints she found fossilized dung left behind by the dinosaur called (*smelly/coprolite*). The famous paleontologist had hopes of finding a (*metamorphic/body*) fossil which are bones, shells, skins of animals or leaves of plants left behind.

Completion:

Name the 2 types of fossils: _____, _____

Name the process that happens when remains of plants and animals are preserved in rock: _____

Fossils are _____, _____, or _____ of plants and animals found in the earth's crust.

